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MAR 16 2006

Page 1 of 17

Urgent

Confidential

Date: 16-Mar-06

To:  
Examiner: Bradley, Matthew  
USPTO

(571) 273-8300

Art Unit:  
2187

From:  
Rita M. Wisor

Fax:  
(480) 715-7738

M/S:  
OC2-157

Subject:

Application No.: 10/722,813

Filed: 11/26/2003

Inventor: Jonathan C. Lueker et al.

Docket No.: P17778

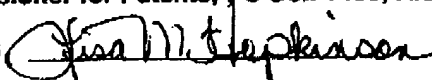
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Lisa M. Hopkinson

Date: 3/16/06



Included in this transmission:

Fax Cover Sheet (1 page)

Transmittal Form (1 page)

Response to Office Action (15 pages)

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PTO/SB/21 (09-04)

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| <b>TRANSMITTAL<br/>FORM</b><br><br><small>(to be used for all correspondence after initial filing)</small> | Application Number   | 10722.818              | <b>RECEIVED<br/>CENTRAL FAX CENTER<br/>MAR 16 2006</b> |
|  | Filing Date          | 11/26/2003             |  |
|  | First Named Inventor | Jonathan C. Lueker     |  |
|  | Art Unit             | 2187                   |  |
|  | Examiner Name        | Bradley, Matthew       |  |
| Total Number of Pages in This Submission   | 17                   | Attorney Docket Number | P17778   |

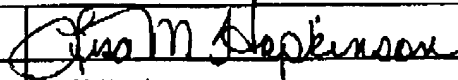
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|--|--|--|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br><input type="checkbox"/> Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>Fax Cover Sheet |
| Remarks _____  |  |  |

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

|              |   |          |        |
|--------------|---|----------|--------|
| Firm Name    | INTEL CORPORATION   |          |        |
| Signature    |  |          |        |
| Printed name | Lanny L. Parker   |          |        |
| Date         | March 16, 2006  | Reg. No. | 44,281 |

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|                       |   |      |                |
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| Signature             |  |      |                |
| Typed or printed name | Lisa M. Hopkinson   | Date | March 16, 2006 |

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MAR 16 2006

In re Application of: )  
Lueker et al. )  
Serial No.: 10/722,813 ) Group Art: 2187  
Filed: 11/26/2003 ) Examiner: Bradley, Matthew  
Title: Method and Apparatus to )  
Improve Memory Performance )

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Date of Deposit: March 16, 2006 Name of Person Transmitting Correspondence: Lisa M. Hopkinson

  
Signature3-16-2006  
Date

Mail Stop: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RESPONSE

Dear Sir,

In response to the Non-Final Office Action dated December 16, 2005, Applicant respectfully requests entry of the following amendment, and reconsideration and withdrawal of the rejections and objections to the disclosure.

Amendments to the Specification begin on Page 2.

Amendments to the Claims begin on Page 3.

No amendments to the Drawings were made.

Remarks being on Page 10.

Attorney Docket No: P17778

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Serial No: 10/722,813